

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-11. **(Canceled)**

12. **(Currently amended)** A piezoelectric actuator module, comprising
at least one piezoelectric component (6), one actuator foot (5), and one actuator head (7) which head **includes a conical portion, (42) and** cooperates with a component to be actuated by the piezoelectric component (6),
a bush (9) extending in the axial direction and surrounding the actuator module (2; 20; 30), and
a diaphragm (10; 21; 31; 41) extending essentially in the radial direction and adjoining the actuator **head -foot- (7), the diaphragm being connected to the conical portion,**
the diaphragm (10; 21; 31; 41) **also** being joined to the bush (9) and having a curved cross section in the radial direction.

13. **(Currently amended)** The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 31; 41) is welded to the actuator **head -foot- (7).**

14. (Previously presented) The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 41) is welded to the bush (9).

15. (Previously presented) The piezoelectric actuator module of claim 13, wherein the diaphragm (10; 21; 41) is welded to the bush (9).

16. (Previously presented) The piezoelectric actuator module of claim 12, wherein the diaphragm (31) is manufactured integrally with the bush (9).

17. (Previously presented) The piezoelectric actuator module of claim 13, wherein the diaphragm (31) is manufactured integrally with the bush (9).

18. (Previously presented) The piezoelectric actuator module of claim 12, wherein the curved cross section of the diaphragm has different radii of curvature.

19. (Previously presented) The piezoelectric actuator module of claim 13, wherein the curved cross section of the diaphragm has different radii of curvature.

20. (Previously presented) The piezoelectric actuator module of claim 16, wherein the curved cross section of the diaphragm has different radii of curvature.

21. **(Previously presented)** The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

22. **(Previously presented)** The piezoelectric actuator module of claim 13, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

23. **(Previously presented)** The piezoelectric actuator module of claim 14, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

24. **(Previously presented)** The piezoelectric actuator module of claim 16, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

25. **(Previously presented)** The piezoelectric actuator module of claim 17, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

26. **(Previously presented)** The piezoelectric actuator module of claim 18, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 μm and 200 μm .

27. **(Currently amended)** The piezoelectric actuator module of claim 12, installed as a triggering unit of a fuel injection valve (1) ~~in particular a common-rail injection valve,~~ of a motor vehicle.

28. **(Currently amended)** A method for installing a piezoelectric actuator module, which includes at least one piezoelectric component (6), one actuator foot (5) and one actuator head (7), which head has a conical portion (42) and cooperates with a component to be actuated by the piezoelectric component (6), and the actuator module (2; 20; 30; 40) is surrounded by a bush (9) extending in the axial direction, the method comprising closing the bush on its face end, on the side toward the actuator head (7), by means of a diaphragm (10; 21; 31; 41) which is secured to the conical portion (42), and which extends essentially in the radial direction.

29. **(Previously presented)** The method of claim 28, further comprising welding the diaphragm (41) and the actuator head (7) together in load-free fashion.

30. **(Currently amended)** The method of claim 29, further comprising introducing the actuator head (7) , which has been welded to the diaphragm (41), into the bush (9), and subjecting the actuator head ~~foot~~ to a preload in the direction of the piezoelectric component (6).

31. **(Currently amended)** The method of claim 30, further comprising welding the diaphragm (41) to the bush (9) with the actuator head ~~foot~~ (7) preloaded.